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Application Number	08/840,947	
Filing Date	April-21, 1997	0
First Named Inventor	Edward Liu	C
Group Art Unit	2816	7
Examiner Name	Dinh Le	
Attorney Docket Number	30454-21 / P-3094	

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	ALPH VESELI					33,807		
ļ	ANDEEP JAGGI				· · · · · · · · · · · · · · · · · · ·	43,331		
	ARY B. GOATES	<u> </u>				35,159		
LEO J. PETERS				33,562				
<u> </u>	IMOTHY R. CROI				<u> </u>	36,771		
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SIGNATURE of Applicant or Assignee of Record								
Name	SANDEEP JAC		nt Corporat	te Secreta	retary, LSI Logic Corp. // of			
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In re Application of:

Edward Liu

Serial No.:

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08/840,947

Filed:

April 21, 1997

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Examiner:

Le, Dinh

2816

Atty Docket:

30454-21 / P-3094

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CERTIFICATION UNDER 37 C.F.R. 3.73(b)

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Sir:

LSI Logic Coporation, a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, inder Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LSI Logic Corporation 1551 McCarthy Blvd., MS D-106 Milipitas, CA 95035 (408) 433-8708

Date: 11/8/01

Respectfully submitted,

Sandeep Jaggi Chief IP Counsel

Corporate Assistant Secretary LSI LOGIC CORPORATION